

Please cancel claims 1-13 without prejudice to, or disclaimer of, the subject matter recited therein.

Please add new claims 14-26 as follows:

- Sub
B1
14. (New) A weather analyzing and reporting station comprising:
- a sensing circuit configured to sense at least one characteristic of local weather conditions, and further configured to generate a data signal representing the at least one characteristic;
 - a transmitter coupled to the sensing circuit and configured to wirelessly transmit the data signal;
 - a receiver configured to wirelessly receive the data signal;
 - a storage device configured to store a characteristic of each of a plurality of past weather conditions;
 - a processor coupled to the receiver and the storage device and configured to generate a prediction of a potential local weather condition, the prediction being based on the data signal received by the receiver and at least one of the characteristics of the weather conditions stored in the storage device; and
 - an indicating circuit configured to indicate the prediction.
- A2
Cont'd

2-15. (New) The weather analyzing and reporting station of claim 14, wherein each of the past weather conditions are past local weather conditions.

~~3~~16. (New) The weather analyzing and reporting station of claim ~~14~~¹, wherein each of the characteristics of the past weather conditions are characteristics sensed by the sensing circuit.

~~4~~17. (New) The weather analyzing and reporting station of claim ~~14~~¹, wherein the indicating circuit includes an indicator configured to audibly indicate the prediction.

~~5~~18. (New) The weather analyzing and reporting station of claim ~~14~~¹, wherein the indicating circuit includes an indicator configured to visually indicate the prediction.

~~6~~19. (New) The weather analyzing and reporting station of claim ~~14~~¹, further including:
a first housing including the sensing circuit and the transmitter; and
a second housing including the receiver, the processor, and the indicating circuit, the first and second housings configured to be physically separable from each other.

~~7~~20. (New) The weather analyzing and reporting station of claim ~~14~~¹, further including:
a first housing including the sensing circuit and the transmitter; and
a second housing including the receiver, the processor, and the indicating circuit, the first and second housings being physically separate from each other.

~~8~~21. (New) The weather analyzing and reporting station of claim ~~14~~¹, further including:
a power connection port for receiving external power and for supplying power to the weather analyzing and reporting station; and

a battery coupled to the power connection port for supplying power to the weather analyzing and reporting station when no external power is provided to the power connection port,

A2
Cont'd

the battery being configured to be recharged by the external power received by the power connection.

Sub B1
22. (New) The weather analyzing and reporting station of claim 14, further including an interface for receiving a threshold value, the processor determining whether a high probability of severe weather conditions exists based on a comparison of the threshold value with the characteristic sensed by the sensing circuit, the indicating circuit being configured to indicate, responsive to the processor, that severe weather conditions exist.

10 23. (New) The weather analyzing and reporting station of claim 14, wherein the characteristics stored in the storage device include at least one of a rainfall value and a windspeed value.

A2 Cont'd Sub B2
24. (New) A weather analyzing and reporting station comprising:
a first housing including:
a sensing circuit configured to sense at least one characteristic of local weather conditions, and further configured to generate a data signal representing the at least one characteristic, and
a transmitter coupled to the sensing circuit and configured to wirelessly transmit the data signal; and
a second housing including:
a receiver configured to wirelessly receive the data signal,
a processor coupled to the receiver and configured to process the data signal received by the receiver, thereby generating a result based on the data signal, and